Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 12 Mar 2023 until 23:59 on Monday 13 Mar 2023

Forecast Issued on Saturday 11 Mar 2023 at 12:32

Confidence: High for changeable conditions with fluctuating freezing levels, lower for details.

Headline for Sunday 12 Mar 2023: A mainly dry day, cloud breaking for a time, milder. Becoming wet in evening. Strong west or southwest winds.

Mountain weather hazards on Sunday 12 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Cloudy	Sunny intervals	Cloudy	Dull	Heavy Rain
Precipitation probability							
60%	40%	10%	10%	10%	10%	10%	70%

Forecast for Sunday 12 Mar 2023

Weather: Light rain and drizzle in early hours, with freezing rain possible at first, becoming mainly dry later in night and during morning. Cloud thinning and breaking to allow some sunshine to break through though some tops may keep cloud until late morning. Then cloud thickening from mid afternoon, with outbreaks of rain developing in the evening, turning heavy from mid evening, with hill fog becoming more extensive.

Chance of cloud-free hill tops above 600m: Mostly 10% or less overnight and early morning lifting 80% by late morning, then falling 40% by evening and 10% by mid evening.

Low cloud and visibility: Plenty of low cloud overnight and at first in morning, mainly above 450-600m, with poor visibility in drizzle, but lifting to 700m during morning then breaking up from late morning to mid afternoon, with good visibility. Cloud then steadily lowering to 500m, then 400m or less in evening, with visibility becoming moderate to poor in the rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 12 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 S	25/35 W	30/42 W	25/36 W	19/28 SW	22/31 SW	25/36 SW	26/38 S	28/41 SW
300	15/21 S	19/28 W	20/30 W	18/26 W	16/24 SW	17/25 SW	19/30 SW	19/31 S	21/34 SW
Valley	5/17 SE	11/26 W	13/29 W	12/25 W	12/24 SW	13/28 SW	13/29 SW	13/29 S	15/33 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	3/-3	3/-3	3/-3	5/-0	6/1	5/-0	6/0	7/2
300	2/-3	6/1	6/1	5/1	8/4	9/5	8/4	8/4	9/5
Valley	2/-0	5/2	6/2	6/3	9/6	10/7	9/6	9/6	10/6
Freezing Level*	1400m	1500m	1200m	1100m	1200m	1500m	1800m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A thaw of lying snow on Sunday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 11 Mar 2023	0mm	0.6mm	0.6mm

Forecast for Monday 13 Mar 2023

Weather: Mainly cloudy with occasional rain and some brighter spells. Some heavier rain later in the day, turning to snow above 400m in evening, perhaps to low levels by late evening though it will be lighter by then..

Maximum wind: Southwest 45 gusts 60mph easing 30 gusts 45mph in afternoon then veering north or northwest in the evening.

Chance of cloud-free hill tops above 600m: 20% or less lifting 80% later in evening.

Low cloud and visibility: Cloud mainly 500-700m so occasionally bringing hill fog to the tops, visibility underneath mostly good by day but moderate in showery rain. Cloud lowering 400m in evening, with moderate to poor visibility in snow underneath.

Temperature: **Valleys:** Plus 8 Celsius falling to Plus 4 towards evening and zero by mid to late evening.
At 600m: Plus 7 Celsius falling to Plus 1 by evening then Minus 2 by mid to late evening.
Freezing level: Above summits most of day, then falling quickly to 600m in the evening then to low levels by late evening.

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